Here we want to do some error handling.

Now we dnt want to stop and restart our server whenever w change anything. For this install npm package nodemon-

**npm install --save–dev nodemon**(it will install it as development dependency)

this package will monitor our files and restart the server whenever we change anything in server.

Initially we used to run application like this-

**node server.js**

but now with nodemon we have to run our project like this-

**nodemon server.js**

if we run this now, it will fail because nodemon is not installed globaly on our machine.

We work around it, by going to package.json file and adding a start script-

"start": "nodemon server js"

It is a special script that we can run by running this command-

**npm start** inside our project folder.

Now when I type this **npm start** I want to run nodemon

Here I can add nodemon, because now it will not search for it in our project.tere it will find it because we have install this dependency.

Now if we run **npm start we are running server.js with node.**

Now I want to add logging package, to log incoming requests, so that we can also see some information here in terminal . so we run-

**npm install –dev morgan** (it makes entry in package.json)

now we want to tell express to funnel all request through this middleware.morgan will then log something and let request continue, so morgan behind the scene will call next function saying I don’t return the response I did something (in this case log the request) and now you continue doing your work.

In app.js we get morgan package in constant morgan. Then we sue morgan before we handle our request will routes. If use it after we handle our request with routes, then our request wnt reach morgan.

Now we run our application by-

**npm start**

we can see that every request is logged in cmd.

Now we want to handle , now we send request to some route that is not defined then we got some html page. I want to send json instead.